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PHOTOGRAPHIC INTERPRETATION REPORT



MISSION 1035-1 21-25 SEPTEMBER 1966

PART II

TCS-80937/66
OCTOBER 1966
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MISSION 1035-1, 21-25 SEPT 1966

OAK - PART II MISSION 1035-I

PREFACE

THIS IS THE SECOND AND FINAL OAK REPORT ON MISSION 1035-1 AND PROVIDES INFORMATION ON THOSE COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH), D FOR DESCENDING (NORTH-TO-SOUTH) OR M FOR A MIXED ASCENDING AND DESCENDING PASS. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. THE X AND Y PHOTOGRAPHIC COORDINATES DERIVED FROM KH-4 MISSIONS ARE RECORDED ONLY ON NEWLY IDENTIFIED TARGETS. ONLY THE X COORDINATE IS RECORDED FOR OTHER TARGETS. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), S (SNOW), O (OBLIQUITY), SD (SEMIDARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF PHOTOGRAPHIC COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS INDICATED BY ST (STEREO), NS (NON-STEREO), OR PS (PARTIAL STEREO).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS. MOREOVER, RECIPIENTS ARE CAUTIONED THAT THE IDENTIFICATION OF TARGETS IS BASED PRIMARILY ON PHOTOGRAPHY AND DOES NOT CONSTITUTE A FINISHED INTELLIGENCE JUDGMENT.

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Highlights

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HIGHLIGHTS '

1. MISSILE ACTIVITY

THE ENTIRE TYURATAM MISSILE TEST CENTER, USSR, IS COVERED ON STEREO PHOTOGRAPHY WITH FAIR INTERPRETABILITY. AN ERECTED PROBABLE MISSILE IS OBSERVED ON EACH OF THE 3 PADS AT LAUNCH COMPLEX C. AT COMPLEX G, LAUNCH AREA G5-G6, A LIGHT-TONED PROBABLE CYLINDER, 60 FT IN LENGTH, HAS BEEN ADDED TO THE LINE OF 23 DARK-TONED CYLINDERS OBSERVED ON

25X1D

25X1D

TWO TYPE IIIC SITES AND 20 IIID SITES ARE NEWLY IDENTIFIED -2 CONFIRMED SITES AT ALEYSK, 6 CONFIRMED SITES AT DROVYANAYA,
AND 14 SITES (8 CONFIRMED, 5 PROBABLE, AND 1 POSSIBLE) AT
GLADKAYA. THE CURRENT COUNT OF ICBM LAUNCHERS AT DEPLOYED
COMPLEXES (THE FIGURE SHOWN IN PARENTHESIS INDICATES THE
NUMBER OF POSSIBLE LAUNCHERS AND IT IS NOT, REPEAT NOT,
INCLUDED IN TOTALS) IS AS FOLLOWS ---

TYPE IIIC 128 (2)
TYPE IIID 342 (28)
SUBTOTAL 470 (30)
OTHER LAUNCHERS 228
TOTAL 698 (30)

PORTIONS OF THE SHUANG-CHENG-TZU MISSILE TEST CENTER, CHINA, INCLUDING THE SSM LAUNCH COMPLEXES, SAM LAUNCH COMPLEX, THE SSM/SAM ASSEMBLY AREA, AND SEVERAL SUPPORT AREAS, ARE OBSERVED ON CLEAR STEREO PHOTOGRAPHY. CONSTRUCTION CONTINUES AT LAUNCH COMPLEX B WHERE THE GANTRY NOW APPEARS COMPLETE.

NINETY-FIVE OF THE 132 KNOWN SA-2 SAM SITES IN NORTH VIETNAM ARE COVERED. OF THESE, 14 ARE OCCUPIED (NO 15 HA NOI A19-2, NO 31 HA NOI EØ7-2, NO 41 HA NOI DØ3-2, NO 42 THANH HOA DØ4-2, NO 54 HA NOI CØ4-2, NO 55 HAI PHONG AØ7-2, NO 56 HA NOI CØ2-2, NO 62 HA NOI CØ5-2, NO 73 HAI PHONG C28-2, NO 78 HA NOI CØ6A-2, NO 99 HAI PHONG A27-2, NO 132 HA NOI B35-2, NO 137 HAI PHONG A14-2, AND NO 142 HA NOI A14-2), 60 ARE UNOCCUPIED, AND 21 ARE UNDETERMINED DUE TO LIMITING CONDITIONS OF THE PHOTOGRAPHY. NO NEW SAM INSTALLATIONS ARE IDENTIFIED.

2. AIR ACTIVITY

THE ERH-TANG AIRFIELD, CHINA, FORMERLY REPORTED AS UNSERVICEABLE BECAUSE OF DEMOLITION HOLES IN THE RUNWAY, APPEARS TO HAVE BEEN REPAIRED AND IS NOW SERVICEABLE.

AT THE LIU-HO AIRFIELD, CHINA, A NEW 6,600-FT NNW/SSE CONCRETE

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SERVICEABLE RUNWAY HAS BEEN CONSTRUCTED PARALLEL TO AND OVER THE ROAD CONNECTING THE HARDSTAND AREA

25X1B

25X1B

THE PREVIOUSLY REPORTED ABANDONED AND UNSERVICEABLE AIRFIELD AT LING-LING AIRFIELD, CHINA, IS OBSERVED TO BE UNDER RECONSTRUCTION. IT APPEARS THAT THE FORMER RUNWAY WHICH WAS REPORTED AS BEING APPROXIMATELY 5,000 FT BY 320 FT IS BEING EXTENDED TO A LENGTH OF APPROXIMATELY 9,560 FT AND A WIDTH OF 340 FT. A PARALLEL TAXIWAY AND APPROXIMATELY 100 CONSTRUCTION SUPPORT BUILDINGS ARE ALSO OBSERVED.

STATUS OF TARGET READOUT

THIS DAK REPORTS ON 53 COMOR TARGETS AND 2 NON-COMOR TARGETS.

TABULAR SUMMARY

A RECAPITULATION OF SIGNIFICANT ACTIVITY OBSERVED ON THIS MISSION AND NPIC CURRENT MISSILE LISTINGS IS PRESENTED IN THE FOLLOWING TABLES ON SUCCEEDING PAGES --

TABLE 1 -- SOVIET ICBM DEPLOYMENT

TABLE 2 -- TYURATAM MISSILE TEST CENTER

TABLE 3 -- SOVIET MRBM AND IRBM DEPLOYMENT

TABLE 4 -- SAM AND ABM DEPLOYMENT

TABLE 5 -- DATE/TIME OF PHOTOGRAPHIC PASSES

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TABLE 1. SOVIET ICBM DEPLOYMENT

| | | ſ | | I | | N DEPLOY | 1 | T 1 | | 1 |
|-------------------------|--|---------|----------|---------|----------|----------|-------------|--------------------------------|------------------------------|--|
| | TYPEI | TYPE II | TYPE III | TYPE | IIIC | TYPE | IIID | | | |
| COMPLEX | A&B | A-D | A&B | | | | | New Positions this Mission | Total Launch Positions | Launch Groups Identified To Date |
| | Sites | Sites | Sites | Sitos | Complete | Sites | Complete | | r vaitiviis | To Date |
| ^{‡7} ALEYSK | | | | 17 | 4 | | | 2 | 17 | 3 |
| DOMBAROVSKIY | | | | 24(1#) | 6 | | | | 24(1#) | 4 |
| [∜] DROVYANAYA | | 3 6 | 3 9 | | | 46 | 19 | 6 | 61 | 5 |
| GLADKAYA | | 2 4 | 1 3 | | | 42(1#) | 3 | 13(1#) | 49(1#) | 5 |
| IMENI GASTELLO | | | | 22 | 6 | | | | 22 | 4 |
| ITATKA | | 3 6 | | | | | | | 6 | |
| KARTALY | | | | 22 | 6 | | | | 22 | 4 |
| KOSTROMA | | 6 12 | 1 3 | | | 5(2#) | | | 20(2#) | 2 |
| KOZELSK | | 3 6 | 2 6 | | | 19(4#) | | | 31(4#) | 2 |
| NOVOSIBIRSK | | 3 6 | 2 6 | | | | | | 12 | |
| OLOVYANNAYA | | | 3 9 | | | 75 | 16 | | 84 | 8 |
| OMSK | | | 1 3 | | | | | | 3 | |
| PERM | | 5 10 | 1 3 | | | 36(10#) | | | 49(10#) | 4 |
| PLESETSK* | 6 8 | 4 8 | 1 3 | | | | | | 19 | |
| SHADRINSK | | | 3 9 | | | | | | 9 | |
| SVOBODNYY | 20m, 14C 2-00 | 7 14 | 1 3 | | | 25 | | 3 | 42 | 3 |
| TATISHCHEVO | | | | | | 85(10#) | 18 | | 85(10#) | 10 |
| TEYKOVO | | 6 12 | | | | | | | 12 | |
| TYUMEN | | 2 4 | | | | | | | 4 | |
| [☆] UZHUR | | | | 22(1#) | 7 | | | | 22(1#) | 4 |
| VERKHNYAYA SALDA | | 7 14 | 2 6 | | | | | | 20 | |
| YEDROVO | | 6 12 | 2 6 | | | 9(1#) | | | 27(1#) | 2 |
| YOSHKAR-OLA | · | 6 12 | | | | | | | 12 | |
| YURYA | | 8 16 | 3 9 | | | | | | 25 | |
| ZHANGIZ-TOBE | | | | 21 | 6 | | | 2 | 21 | 4 |
| | egil, a riginità i quintiga pra per dell'illicon | | | | | | | | 1 | |
| TOTALS | 6 8 | 71 142 | 26 78 | 128(2#) | 35 | 342(28#) | 56 | 4 Type IIIC 22(1#) Type III | D 698(30#) | 23 Type IIIC |

^{*}DOES NOT INCLUDE 2 SSM POSITIONS AT SITE 13 not 12 POSSIBLE SILOS OF UNIDENTIFIED TYPE.

本 COVERED THIS MISSION

^(#) POSSIBLE. THE POSSIBLE SITES ARE NOT INCLUDED IN THE TOTAL COUNT.

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| | | and the state of t | | | | | | ł | TAE | TABLE 2. | E. | RATAN | TYURATAM MISSILE TEST CENTER | SILE 1 | EST (| CENT | SR. | | | | | TO STATE OF THE PERSON NAMED IN COLUMN NAMED I | | Company of the Compan |
|--|-------------------------|--|--|-----------------------|-------------------------|-------------------|--|--------------------------|-----------------------|---|---------------------------------|--|------------------------------|------------|---------|--|--|--|---|--|-----|--|------------------|--|
| | | | | | | | | | | | | | | | | | | | | | | To | Totals | |
| | | | | | | | | | | | | | | | | | | | | | | Soft | Hard | rd |
| Lau Desig | Launcher Designation | A1 | A2 | A3 | Bi | B2 | CI | C2 | C3 | DI | D2 | 亘 | E2 | E3 | ഥ | 15 | G2 C | G3 G4 | 4 G5 | 99 | n/c | Сотр | n/c | Comp |
| d | n/c. | | | | | | | | | | | | | | | *************** | *************************************** | | | water and the state of the state of | | | | |
| NOS | Сотр | Θ | Θ | Θ | Θ | <u>-</u> | Θ | <u> </u> | (-) | | | <u>O</u> | Θ | (-) | | Θ | (T) | ① ① | Θ | Θ | | 17 | | |
| ************************************** | n/c | o whole Me | | | | | | | | | | | | | | and the second second | | | | | | | | |
| naro | Comp | | | | annote have spranger to | | | | | (E) | (e) | | | \sim | 0 | | | | | | | | | 6 |
| Lau Desig | Launcher Designation | H | Н2 | п | 12 | 13 | 14 | 15 | 16 | 31 | 32 | K1 | K2 | K3 | ū | L2] | L3 L | L4 L5 | 2 1.6 | 1.7 | | | | |
| d C | n/c | | | | months of the second | | | | | (<u>A</u>) | (<u>A</u>) | | | | | | | | | | 2 | | n-session in set | |
| 3011 | Сотр | (-) | Θ | and and enterpolation | | | | | | | , | | | | | | | | | | | 2 | | |
| 7 | n/c | | | | (| (2) | | | (IE) | | | Ů | (E) | (E) | | | | | | | | | 2 | |
| Haro | Comp | | | Θ | | | Θ | <u>(</u> | | | | (-) | | | (T) | 0 | ① | ① ① | 0 | ① | | | | = |
| Lau Desig | Launcher Designation | L8 | L9 | L10 | MI | M2 | M3 | NI | N2 | N3 | | | | | | | | <u></u> | | and the same of th | | | | |
| to? | n/c | | | | | | | | Million Manual Assess | MAY PETER SECURITION SECURITIONS | | | | | | | | | | | | | | |
| 100 | Comp | | | | they pro- to be the sa | | | | | *************************************** | | | | | | | | | | | | | | |
| 1 | n/c | | | | (E) | (IB) | (1) | | | | | Madaganingar mpamal 1 2 200. M | | | | | | | | | | | ო | |
| Hard | Comp | Θ | Θ | Θ | | | | 0 | 0 | 0 | - | er t. Am - gels Miller for ets desire | | | | | | | | | | | | 9 |
| Law Desig | Launcher Designation | | | | | | | | | Anagemi H.A. | | an in the state of | | | | | | | | | | | | |
| New | Soft | | | | | | | - American de Arica e ma | | | rin nakalif kiann arv i - rin w | inni Airea Aire | | | | PAYOR COLUMN ASSESSMENT | | | | | | Marine Administra | | |
| Sites | Hard | | | | | | | | | | anagin a duser | | | | | | | | | | | an alcana | | |
| | | E - Early stage M - Mid-stage L - Late stage | rrly st d-stag te sta | 38 e 88 | | | | | | | | | | | Phy Co. | Covered on the by Interpretate Photography | Covered on this by Interpretable Photography | Covered on this mission by Interpretable Photography | | Total Grand Total | 2 | 19 55 Launchers | 8 <u>8</u> | 56 |
| | - | | or the second se | | | The second second | - Commence of Contract of Cont | | | | | | | | | | | | 000000000000000000000000000000000000000 | | | | | |

Table 3. Soviet MRBM and IRBM Deployment

| Geographic Area | Soft MRBM Launch Areas | Soft IRBM Launch Areas | Hard MRBM Launch Areas | Hard IRBM Launch Areas | Total Launch Areas | Total Launch Positions |
|--------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------|------------------------------|
| Western | 118 | 9 | 18 | 10 | 155 | 608 |
| Caucasus | 3 | | 2 | 3 | 8 | 29 |
| Central Asia | 2 | 2 | 1 | 3 | 8 | 29 |
| Far Eastern | 9 | 1 | | 1 | 11 | 43 |
| Totals | 132 | 12 | 21 | 17 | 182 | 709 |

Totals do not include 100 fixed field-type sites with total of 374 launch positions and one launch facility at Sovetskaya Gavan

| | | | | | | | T | able 4 | . SAN | A and | ABM I | Deploy | ment | | | | | | | | |
|---|----------------------|-------|-------|---------|------------|------------|----------|-----------|----------|---------|----------|---|---------|-----------|----------|---------|------------------|----------|---------|--------------|-------------|
| | | | | | | | | _ | | | | | Cour | ntry | - | | | | | | |
| | | / 3 | Ser H | Janio P | sultaria C | a ectrosic | syakta i | Jungary P | dland at | Inglis. | Separate | itra W | ongoita | Still for | done sid | ggi. C | \$50° \(\sigma\) | igita 🗚 | still k | grafit stati | 33d ** |
| WHICH A MATERIAL CONTRACTOR OF THE PARTY OF | makin - Northead and | 56 | | f | - | | | | ĺ | | | | | | | | | | | 56 | Confirmed |
| | | | | | | | | | | | | | | | | | | | | | Probable |
| | SA-1 | | | - | | | | | | | | | | | | | | | | | Possible |
| | | 1 | - | ***** | | | | - 1 | | | | | | | | | | | | 1 | Training |
| | | 1025* | 2 | 1,9 | 24 | 54 | 16 | 32 | 18 | 5 | 18 | 1 | 5 | _5 | 32 | 25** | 14 | 128 | 1 | 1424 | Confirmed |
| | | 2 | | , | 1 | l | · · | | | | 1 | | | | | | | 3 | | 8 | Probable |
| SAM sites S. | SA-2 | 1 | 1 | | | | | | | | 1 | | | | | | | 1 | | 3 | Possible |
| | | 31 | | - | | 1 | - | | | | 3 | | | 1 | 3 | 2 | 1 | Ī | | 42 | Training ** |
| | | 109 | | | | | | | | | | | | | | | | | | 109 | Confirmed |
| SA-3 | | 4.0/ | | | | | | | | | | *************************************** | | | | | | | | | Probable. |
| | SA-3 | | | | | - | | 1 | 1.004 | | | | | | | | | | | 1 | Possible |
| | 13 | | | 1 | 1 | - | | | | | | | - | | | | | | 13 | Training ** | |
| 200 1 4 | | - | 1 | 4 | 6 | 4 | 4 | 6 | _2 | 1 | | | 1 | 1 | 5 | 6 | 3 | _2 | | 246 | Confirmed |
| | nort | | | T . | | | | | 1 | | | | | | | | | | | 5 | Probable |
| | 1 | | | | Ι | Ľ | | | | L _ | | | | | | <u></u> | | | 1 | Possible | |
| | | [| | | | | | | | | | | | <u> </u> | | | | | | | |
| | | 12 | | _ | | | | | | | | | | | | | | | | 12 | Confirmed |
| SA-3 SAM Assembly Facilities | _1 | | | | | I | | | | | | | | | L | | | | 1 | Probable | |
| | | | | | ļ | | L | L _ | | | | | | | ļ | | | <u> </u> | | Possible | |
| | | | | | | | | | | | | | | | - | | | | - | | |
| | | 18 | | | | | ļ | | | | | | L | | ↓ | | | | ļ | 18 | Confirmed |
| ±Long Range SAM | 1 | | _ | | 1 . | | | | | | | ļ | | ļ | | | | <u></u> | 1 | Probable | |
| TLONG Nange | MAN | L | | 1 | | <u> </u> | | | | | ļ | L | L | | | | L | | | ļ | Possible |
| | | 1 | | | | | | <u> </u> | | | | | | | <u> </u> | - | | | ļ | 1 | Training |
| | | 2 | _ | ļ - | | | | - | | L _ | L _ | | | | <u> </u> | | L- | <u> </u> | | 2 | Confirmed |
| ±± ABM Comp | lexes | 5_ | | | L | ļ | | ļ | | | | | | | ļ | 1 | ļ | ļ | L | 5 | Probable |
| 22 .1.5M Oomp | | | | | | | 1 | 1 | | | L | | | | | ļ | | <u></u> | | 4 | Possible |
| | | | | | | | | | | | 1 | | | | j | | | | | | |

^{*}Does not include alternate sites, USSR

25X6

[±] Complexes are probably long range SAM associated

^{**}Total reflects individual sites

^{±±} Complexes are probably ABM associated

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Missiles

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25X1A

MISSILES

TYURATAM MISSILE TEST CENTER

UR 4538N Ø6317E

THE EASTERN 90 PERCENT OF THE 50-NM RADIUS SEARCH AREA IS COVERED BY ONE PASS OF STEREO PHOTOGRAPHY WITH FAIR-TO-GOOD INTERPRETABILITY. NO NEW MISSILE FACILITIES ARE OBSERVED.

MISSILE ACTIVITY IS OBSERVED AT LAUNCH COMPLEX C, WHERE A PROBABLE MISSILE APPROXIMATELY 95 FT HIGH IS ERECTED ON EACH OF THE 3 LAUNCH PADS.

POSSIBLE MISSILE ACTIVITY IS SEEN AT LAUNCH SITES K2, L8, AND N1. AT EACH OF THESE SITES, A LONG VEHICLE/PIECE OF EQUIPMENT IS PARKED AT THE SILO AND A TALL OBJECT IS ERECTED OVER THE SILO. AT SITE L8, WHERE INTERPRETABILITY IS THE BEST OF THE 3 SITES, THE VEHICLE/PIECE OF EQUIPMENT MEASURES APPROXIMATELY 65 FT LONG AND THE TALL OBJECT ERECTED OVER THE SILO MEASURES APPROXIMATELY 65 FT HIGH.

AT LAUNCH AREA G5-G6, ANOTHER LIGHT-TONED PROBABLE CYLINDER, APPROXIMATELY 60 FT LONG, HAS BEEN ADDED TO THE LINE OF 23 CYLINDERS PRESENT ON

25X1D

25X1A

DROVYANAYA ICBM COMPLEX

UR 5131N 11300E

THE ENTIRE SEARCH AREA IS COVERED BY ONE PASS OF CLEAR PHOTOGRAPHY WITH POOR INTERPRETABILITY. SIX TYPE IIID LAUNCH SITES, IN AN UNDETERMINED STAGE OF CONSTRUCTION, ARE NEWLY IDENTIFIED.

FIRST SEEN ON AND CAN BE NEGATED ON

FIRST SEEN ON AND CAN BE NEGATED ON

LAUNCH SITE 51 IS LOCATED AT 51-32N 113-10E. IT IS FIRST SEEN ON THIS MISSION AND CAN BE NEGATED ON

25X1A

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

for many to be

25X1D

25X1D

25X1A

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LAUNCH SITE 52 IS LOCATED AT 51-29N 113-13E. IT IS FIRST SEEN ON THIS MISSION AND CAN BE NEGATED ON

FIRST SEEN ON AND CAN BE NEGATED ON

FIRST SEEN ON AND CAN BE NEGATED ON

LAUNCH SITE 50 COMPLETES THE J GROUP AND SITES 49, 51, 52, 53, AND 54 INDICATE THE START OF A NEW GROUP, GROUP K. SITE 53 IS A CANDIDATE FOR THE CONTROL SITE OF THE K GROUP.

PROBABLE LAUNCH SITES 36, 37, 42, AND 48 AND POSSIBLE SITE 43 CAN NOW BE CONFIRMED.

PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS: ON PASS

HUTUGRAPHIC REPERENCES FOR STONITIONAL I

25X1A

GLADKAYA ICBM COMPLEX

UR 5606N 09214E

TWO PASSES OF PHOTOGRAPHY COVER THE ENTIRE SEARCH AREA.
THE WESTERN HALF OF THE COMPLEX INCLUDING 17 OF THE
LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND THE
TRANSFER POINT ARE COVERED ON HOWEVER, ALL OF
THE FACILITIES ARE IDENTIFIED ONLY. COVERS
THE H GROUP, SITES 2 AND 3, AND 2 NEW LAUNCH GROUPS.
POSSIBLE SITES 31 AND 32 IN THE H GROUP ARE NO LONGER
CONSIDERED VALID SITES AND ARE DELETED FROM NPIC
LISTING.

25X1D 25X1D

FOURTEEN TYPE IIID LAUNCH SITES ARE NEWLY IDENTIFIED. SITE 56 IS IN THE H GROUP, SITES 35, 42-45, 47, AND 48 ARE IN THE I GROUP, AND SITES 46 AND 49-53 ARE IN THE J GROUP. SITES 7, 23, 27, 35, AND 49 ARE CONFIRMED AS CONTROL SITES. ALL OF THE NEW SITES ARE FIRST SEEN ON

25X1A

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25X1D

THIS MISSION AND CAN BE NEGATED ON

25X1D

25X1A

SITE NUMBER, GEOGRAPHIC COORDINATES, STAGE OF CONSTRUCTION, AND PHOTOGRAPHIC REFERENCES ARE AS

25X1D



25X1A

NOVOSIBIRSK ICBM COMPLEX

UR 5515N Ø8259E

APPROXIMATELY THE WESTERN 60 PERCENT OF THE SEARCH AREA, INCLUDING THE ENTIRE COMPLEX, IS OBSERVED ON ONE PASS OF STEREO PHOTOGRAPHY. NO NEW MISSILE FACILITIES OBSERVED IN THE CLOUD-FREE PORTIONS OF THE SEARCH AREA COVERED.

25X1D

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25X1A

25X1A

OLOVYANNAYA ICBM COMPLEX

UR 5049N 11550F

THE WESTERN HALF OF THE COMPLEX AND 50-NM SEARCH AREA IS COVERED BY ONE PASS OF STEREO PHOTOGRAPHY WITH POOR INTERPRETABILITY. OF THE 78 SITES IN THE COMPLEX, 32 SITES INCLUDING 29 TYPE IIID SITES ARE COVERED. TWENTY-FIVE OF THESE ARE IDENTIFIED ONLY. NO NEW MISSILE FACILITIES OBSERVED IN PORTIONS OF THE SEARCH AREA COVERED.

25X1D

ALEYSK ICBM COMPLEX

UR 5229N Ø8243E

ALL BUT THE EASTERN 10 PERCENT OF THE 50-NM SEARCH AREA IS COVERED BY ONE PASS OF CLEAR, STEREO PHOTOGRAPHY WITH POOR INTERPRETABILITY. SEVENTEEN LAUNCH SITES. THE TRANSFER POINT. AND COMPLEX SUPPORT FACILITY ARE OBSERVED. THE TOTAL OF 17 SITES INCLUDES 2 NEWLY IDENTIFIED TYPE IIIC SITES DESIGNATED 17 AND 18.

SITE 17 IS LOCATED AT 52-31N Ø83-Ø6E AND SITE 18 IS AT 52-24N 083-05E. BOTH ARE IN AN EARLY STAGE OF CONSTRUCTION. THEY ARE FIRST SEEN ON THIS MISSION AND CAN BE NEGATED ON I NO OTHER NEW MISSILE FACILITIES ARE OBSERVED.

25X1D

SARY-SHAGAN ANTIMISSILE TEST CENTER

25X1D

UR 4602N 07334E

THE TEST CENTER IS COVERED AS FAR WEST AS INSTRUMENTATION SITE 9 ON GENERALLY CLEAR PHOTOGRAPHY. SCATTERED-TO-HEAVY CLOUD COVER. CLOUD SHADOW. AND HAZE LIMIT INTERPRETATION OF CERTAIN FACILITIES CLOSE TO OZERO BALKHASH. NO NEW MISSILE FACILITIES OBSERVED IN CLOUD-FREE PORTIONS OF THE SEARCH AREA.

25X1D

SHUANG-CHENG-TZU MISSILE TEST CENTER CH 4107N 10020E

THE EASTERN 50 PERCENT OF THE SEARCH AREA IS COVERED BY CLEAR, STEREO PHOTOGRAPHY. PORTIONS OF THE CENTER INCLUDING SSM LAUNCH COMPLEXES A, B. AND C. THE SAM

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25X1A

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LAUNCH COMPLEX, REVETTED STORAGE AREAS, POSSIBLE PROPELLANT HANDLING AND STORAGE AREA. AND THE SSM/SAM ASSEMBLY AREA ARE OBSERVED.

CONSTRUCTION CONTINUES AT LAUNCH COMPLEX B. THE GANTRY APPEARS COMPLETE. THE TOP OF THE GANTRY APPEARS ENCLOSED, INDICATING IT HAS REACHED ITS DESIGNED HEIGHT. AN OPEN TRENCH LEADS FROM THE AREA OF THE LAUNCH PAD TO THE PROBABLY COMPLETED CONTROL BUILDING. UNIDENTIFIED CONSTRUCTION ACTIVITY IS VISIBLE IN THE LAUNCH AREA AT COMPLEX C. CONSTRUCTION CONTINUES ON SUPPORT FACILITIES NORTH OF THE COMPLEX ACCESS ROAD NEAR THE LAUNCH AREA. CONSTRUCTION ON THE RAIL LINE NORTH OF COMPLEX C CONTINUES. THE ROADBED HAS PROGRESSED AN ADDITIONAL 9 NM TO THE NORTH SINCE LAST OBSERVED ON

NO NEW MISSILE FACILITIES OBSERVED IN PORTIONS OF THE SEARCH AREA COVERED.

VN 2102N 10551E

APPROXIMATELY 60 PERCENT OF THE CENTRAL AND EASTERN PORTION OF THE 60-NM SEARCH AREA IS COVERED BY 98 PERCENT CLOUD-FREE PHOTOGRAPHY. NO NEW SAM

INSTALLATIONS ARE OBSERVED.

25X1D

25X1D

25X1D

VINH SAM SEARCH

HA NOI SAM SEARCH

1840N 10540E

APPROXIMATELY 15 PERCENT OF THE EASTERN PORTION OF THE 60-NM SEARCH AREA IS COVERED BY 50 PERCENT CLOUD-FREE NO NEW SAM INSTALLATIONS ARE OBSERVED IN PHOTOGRAPHY. CLOUD-FREE AREAS.

25X1D

HSIN-CHENG SUSPECT SAM SITE

CH 2533N 11436E

THE EASTERN 40 PERCENT OF THE 50-NM RADIUS SEARCH AREA IS COVERED BY 50 PERCENT CLOUD-FREE PHOTOGRAPHY. SAM ACTIVITY IS OBSERVED.

25X1A

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25X1A

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25X1D

25X1A

CAD BANG SAM SEARCH AREA

VN: 224ØN 10615E

APPROXIMATELY 80 PERCENT OF THE CENTRAL AND EASTERN PORTION OF THE 50-NM SEARCH AREA IS COVERED BY 98 PERCENT CLOUD-FREE PHOTOGRAPHY. NO NEW SAM INSTALLATIONS ARE OBSERVED.

25X1D

DONG HOI SAM SEARCH AREA

VN 1728N 10637E

APPROXIMATELY 20 PERCENT OF THE NORTHWESTERN PORTION OF THE 60-NM SEARCH AREA IS COVERED BY 60 PERCENT CLOUD-FREE PHOTOGRAPHY. NO NEW SAM INSTALLATIONS ARE IDENTIFIED IN CLOUD-FREE AREAS.

25X1D

CHIH-CHIN-HSIA SAM SEARCH AREA

CH 4Ø1ØN Ø9726E

THE 50-NM SEARCH AREA IS COMPLETELY COVERED BY CLOUD-FREE PHOTOGRAPHY EXCEPT FOR THE EXTREME SE PORTION WHICH HAS SCATTERED CLOUD COVER. NO NEW OR PREVIOUSLY UNREPORTED SAM OR OTHER MISSILE-ASSOCIATED ACTIVITY OBSERVED.

25X1D

PAO-TOU SAM SEARCH AREA

CH 4Ø39N 1Ø958E

THE 50-NM SEARCH AREA IS COMPLETELY COVERED ON PHOTOGRAPHY WITH SCATTERED CLOUD COVER OVER APPROXIMATELY 5 PERCENT OF THE AREA. NO NEW SAM ACTIVITY IS OBSERVED.

25X1D

TAI-YUAN SAM SEARCH AREA

CH 3759N 11232E

THE WESTERN 40 PERCENT OF THE 50-NM SEARCH AREA IS COVERED ON 50 PERCENT CLOUD-FREE PHOTOGRAPHY. NO SAM ACTIVITY IS OBSERVED.

Air Facilities

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25X1A

25X1A

AIR FACILITIES

DOLON AIRFIELD

UR 5032N 07912E

OB -- 38 BEAR, 2 BEAR/BISON, 1 BISON, 3 MEDIUM STRAIGHT-WING, 2 LIGHT STRAIGHT-WING, AND 1 SMALL STRAIGHT-WING. TWENTY-TWO POSSIBLE KANGAROO ARE IN THE ASM AREA.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

UKRAINA AIRFIELD

UR 5110N 12826E

OB -- 38 PROBABLE BISON AND 2 CAT/CUB.

NO ASM FACILITIES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

KHOROL AIRFIELD EAST

UR 4427N 132Ø8E

OB -- 7 BEAR, 49 BADGER, AND 2 BEAGLE.

CONSTRUCTION CONTINUES ON THE LARGE PARKING APRON AND PARALLEL TAXIWAY. NO CHANGE IN ASM STORAGE FACILITIES. NO NUCLEAR STORAGE FACILITY OBSERVED.

25X1D

CHAN-CHIANG AIRFIELD

CH 2113N 11Ø2ØE

OB -- 1 LIGHT STRAIGHT-WING.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO ELECTRONICS OR COMMUNICATIONS FACILITIES OBSERVED.

25X1D

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25X1A

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HAI-KOU AIRFIELD

CH 2001N 11021E

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25X1D

HSING-NING AIRFIELD

CH 2409N 11545E

OB -- AT LEAST 6 SMALL PROBABLE SWEPT-WING.

THE CENTRAL 50 PERCENT OF THE FIELD IS OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

KUEI-YANG/LEI-CHUANG AIRFIELD

CH 2625N 1Ø632E

OB -- 1 PROBABLE LIGHT STRAIGHT-WING.

THE AIRCRAFT DISPERSAL AREA WEST OF THE NNW END OF THE RUNWAY AND THE CONNECTING TAXIWAY ARE BEING PAVED. AIRCRAFT DISPERSAL OR STORAGE AREA IS UNDER CONSTRUCTION EAST OF THE NNW END OF THE RUNWAY.

25X1D

LI-CHIA-TSUN AIRFIELD

CH 2511N 11019E

OB -- 1 PROBABLE COLT ADJACENT TO THE CENTER OF THE RUNWAY.

CONSTRUCTION APPEARS COMPLETE ON RUNWAY AND CROSSOVER LINKS. THE TAXIWAYS AND PARKING APRONS ARE IN THE LATE STAGES OF CONSTRUCTION. SUPPORT FACILITIES ARE IN EARLY-TO-MID-STAGES OF CONSTRUCTION.

25X1D

LIEN-CHENG AIRFIELD

254ØN 11645E CH

OB -- 10 SMALL POSSIBLE SWEPT-WING AND 4 SMALL STRAIGHT-WING.

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NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

25X1A

LIU-HO AIRFIELD

CH 4216N 12542E

OB -- 4 POSSIBLE AIRCRAFT.

THE PREVIOUSLY REPORTED ROAD TO THE TUNNELING OPERATION IS NOW A 6,600 X 145 FT NNW/SSE SERVICEABLE CONCRETE RUNWAY WITH AN ALERT APRON ON THE SSE END.

25X1D

HAIPHONG/CAT BI AIRFIELD

VN 2Ø49N 1Ø643E

OB -- NONE DISCERNIBLE.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

HAIPHONG/KIEN AN AIRFIELD

VN 2048N 10636E

OB -- 4 HOOK AND 5 SMALL STRAIGHT-WING.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

HANDI/BAC MAI AIRFIELD

VN 2059N 10550E

OB -- NONE DISCERNIBLE.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

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25X1A

MISSION 1035-1, 21-25 SEPT 1966

25X1A

HANDI/GIA LAM AIRFIELD

VN 2102N 10553E

OB -- 9 CRATE, 2 CAB, AND 1 POSSIBLE HOOK.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

PHUC YEN AIRFIELD

VN 2113N 1Ø548E

OB -- 5 LIGHT STRAIGHT-WING AND 8 POSSIBLE FIGHTERS.

CONSTRUCTION CONTINUES ON THE AIRCRAFT DISPERSAL AREAS.

25X1D

LANG SON AIRFIELD

VN 215ØN 1Ø646E

OB -- 1 CRATE AND 7 SMALL STRAIGHT-WING.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

NAN-NING AIRFIELD SOUTH

CH 2236N 1Ø81ØE

OB -- :3 LIGHT STRAIGHT-WING.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

SHAN-TOU AIRFIELD NORTHEAST

CH 2325N 11645E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

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MISSION 1035-1, 21-25 SEPT 1966

25X1A

KEP AIRFIELD

2124N 1Ø616E

OB -- NONE OBSERVED.

CONSTRUCTION CONTINUES ON THE SUPPORT FACILITIES.

25X1D

NING-MING AIRFIELD

2207N 10707E CH

OB -- AT LEAST 10 PROBABLE FIGHTERS.

CONSTRUCTION STATUS IS UNDETERMINED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO ELECTRONICS OR COMMUNICATIONS FACILITIES OBSERVED.

25X1D

TIEN-YANG AIRFIELD

2344N 1Ø658E CH

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

HSU-PU AIRFIELD

CH 2756N 11040E

OB -- NONE OBSERVED.

CONSTRUCTION CONTINUES ON THE RUNWAY, PARALLEL TAXIWAY, 2 CROSSOVER LINKS, AND 3 PARKING APRONS. ALL APPEAR IN THE MID-STAGE OF CONSTRUCTION.

25X1D

ERH-TANG AIRFIELD

2513N 11Ø17E NO COMOR CH

4 NM SOUTH OF KUEI-LIN AND 1.5 NM NW OF LI-CHIA-TSUN AIRFIELD. THE 6,670 X 185 FT NNE/SSW RUNWAY, FORMERLY REPORTED AS

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MISSION 1035-1, 21-25 SEPT 1966

UNSERVICEABLE DUE TO DEMOLITION HOLES IN THE RUNWAY SURFACE, APPEARS TO HAVE BEEN REPAIRED. THE RUNWAY NOW APPEARS TO BE SERVICEABLE.

25X1D

LING-LING AIRFIELD

CH 262ØN 11136E NO COMOR

8 NM NORTH OF LING-LING. THE PREVIOUSLY REPORTED ABANDONED AND UNSERVICEABLE AIRFIELD IS UNDER RECONSTRUCTION.

THE FORMER N/S RUNWAY IS BEING EXTENDED TO APPROXIMATELY 9,560 X 340 FT. THE RUNWAY IS UNSERVICEABLE. SURFACE IS UNDETERMINED.

OTHER FACILITIES CONSIST OF A PARALLEL TAXIWAY UNDER CONSTRUCTION AND APPROXIMATELY 100 CONSTRUCTION SUPPORT BUILDINGS. CONSTRUCTION MATERIAL IS OBSERVED THROUGHOUT THE AREA.

25X1D

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Naval Activity/ Ports

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25X1A

NAVAL ACTIVITY/PORTS

CHAN-CHIANG NAVAL BASE

CH 2112N 11025E

OB -- 1 LST-1-CLASS LST AND 3 POSSIBLE PT ON QUAY.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

HAI-KOU PORT AND NAVAL BASE

CH 2001N 11016E

IDENTIFICATION ONLY.

25X1D

SHAN-TOU NAVAL BASE

CH 2321N 1164ØE

OB -- AT LEAST 2 SURFACE COMBATANTS.

NO EVIDENCE OF STOCKPILING OR BUILDUP OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

SAN-CHIA-TSUN NAVAL FAC SHANG-CHUAN SHAN CH 2136N 11245E

AT THE FACILITY AT THE NORTH END OF THE ISLAND, A SECOND POSSIBLE CAUSEWAY NOW CONNECTS THE BERTHING AREA TO THE MAIN ISLAND. NO CHANGES, CONSTRUCTION, OR UNREPORTED FEATURES OBSERVED IN THE FACILITY AT THE SOUTH END OF THE ISLAND.

OB -- SEVERAL UNIDENTIFIED VESSELS.

25X1D

SHAN-TOU MOTOR TORPEDO BOAT BASE

CH 2312N 11637E

OB -- 8 POSSIBLE SMALL COMBATANTS ON STORAGE/REPAIR WAYS.

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NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

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Electronics/
Communications

25X1D

ELECTRONICS/COMMUNICATIONS

25X1A

25X1A

4513N Ø331ØE YEVPATORIYA SPACE TRACKING FACILITY NORTH UR

THE CENTER POSITION OF THE 3 PREVIOUSLY REPORTED TRACKING DISH AREAS IS NOW OCCUPIED WITH A TRACKING DISH UNDER CONSTRUCTION. THE SAME SIZE AS THE NORTHERN DISH (85 FT IN DIAMETER) IDENTIFIED ON

THE GROUND ADJACENT TO ITS PEDESTAL. THE SOUTHERN

POSITION IS UNCHANGED SINCE PREVIOUS COVERAGE.

THE NEW DISH UNDER CONSTRUCTION IS LYING UN 25X1D

25X1D

Military Activity

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MILITARY ACTIVITY

25X1A

KUEI-LIN HQ 141 INFANTRY DIVISION

CH 2511N 11Ø2ØE



THE MOTOR PARK WHERE ARMORED VEHICLES WERE PREVIOUSLY IDENTIFIED CONTAINS ONLY APPROXIMATELY 10 VEHICLES/PIECES OF EQUIPMENT.

25X1D

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Complexes

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25X1A

COMPLEXES

PING-HSIANG COMPLEX

CH 2207N 10646E

A MEDIUM AMOUNT OF RAIL ACTIVITY IS OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

DONG DANG RAILROAD YARD

VN 2156N 10641E

NO VEHICLES OR PIECES OF EQUIPMENT ARE DISCERNIBLE.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

BAC GIANG COMPLEX

VN 2117N 1Ø612E

NO SIGNIFICANT UNREPORTED CONSTRUCTION OR BUILDUP OBSERVED. NO INDUSTRIAL ACTIVITY IS DISCERNIBLE.

25X1D

CAO BANG MILITARY COMPLEX

VN 224ØN 10615E

NO SIGNIFICANT EXPANSION OR NEW CONSTRUCTION OBSERVED IN FACILITIES IN THE VICINITY OF CAO BANG. TWO BRIDGES, HOWEVER, APPEAR TO BE UNDER CONSTRUCTION NORTH OF THE CITY.

LANG SON COMPLEX

VN 2151N 1Ø645E

NO UNUSUAL BUILDUP DISCERNIBLE. A NEW BRIDGE APPEARS TO BE UNDER CONSTRUCTION UPSTREAM FROM THE COMPLEX.

25X1D

25X1D

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25X1A

MONG CAI COMPLEX

VN 2132N 10759E

EQUIPMENT IS NOT DISCERNIBLE.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

CHAN-CHIANG COMPLEX

NO SIGNIFICANT CHANGES OR NEW CONSTRUCTION OBSERVED.

RAIL ACTIVITY APPEARS LIGHT.

25X1D

TIEN YEN COMPLEX

2119N 10724E

CH 2112N 11Ø23E

NO SIGNIFICANT NEW CONSTRUCTION, MILITARY ACTIVITY, OR

UNUSUAL ACTIVITY OBSERVED.

25X1D

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HAIPHONG/KIEN AN AIRFIELD

HANOI/BAC MAI AIRFIELD

PHUC YEN AIRFIELD

LANG SON AIRFIELD

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SHAN-TOU AIRFIELD

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     CHANG-CHI BARRACKS AND STORAGE DEPOT SOUTHCH 2343N 11652E 1
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TOP SECRET ed For Release 2002/02/27 :

R000200090001-2 TCS-80937/66

MISSION 1035-1, 21-25 SEPT 1966

| ı | BAC GIANG ARMY BARRACKS NE DINH XUYEN | VN | 2119N | 10615E | 1 |
|---|--|----|-------|--------|---|
| Н | TIEN-YANG POSSIBLE MILITARY INSTALLATION | CH | 2344N | 10653E | 1 |
| | HA NOI/PING-HSIANG RR SEGMENT 2 | VN | 2132N | 1Ø627E | 1 |
| | HA NOI/PING-HSIANG RR SEGMENT 1 | VN | 2145N | 10644E | 1 |
| | HA NOI/PING-HSIANG RR SEGMENT 3 | VN | 211ØN | 10604E | 1 |
| | HA NOI/LAO CAI RR SEGMENT 5 | VN | 211ØN | 10548E | 1 |
| | KEP/THAI NGUYEN RAILROAD U/C | VN | 213ØN | 10607E | 1 |
| ı | PING-HSIANG/HA NOI RR SEGMENT 4 | CH | 22Ø2N | 10643E | 1 |
| П | PING-HSIANG COMPLEX | CH | 22Ø7N | 10646E | 2 |
| ı | DONG DANG RAILROAD YARD | VN | 2156N | 10641E | 2 |
| | BAC GIANG COMPLEX | VN | 2117N | 10612E | 2 |
| | CAO BANG MILITARY COMPLEX | VN | 224ØN | 10615E | 2 |
| | LANG SON COMPLEX | VN | 2151N | 10645E | 2 |
| П | MONG CAI COMPLEX | VN | 2132N | 10759E | 2 |
| | SHAN-TOU COMPLEX | | | 1164ØE | |
| | CHAN-CHIANG COMPLEX | CH | 2112N | 11023E | 2 |
| | TIEN YEN COMPLEX | VN | 2119N | 10724E | 2 |

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